

Ротаторы. Серия IR 12. Технические характеристики.

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Rotator IR 12

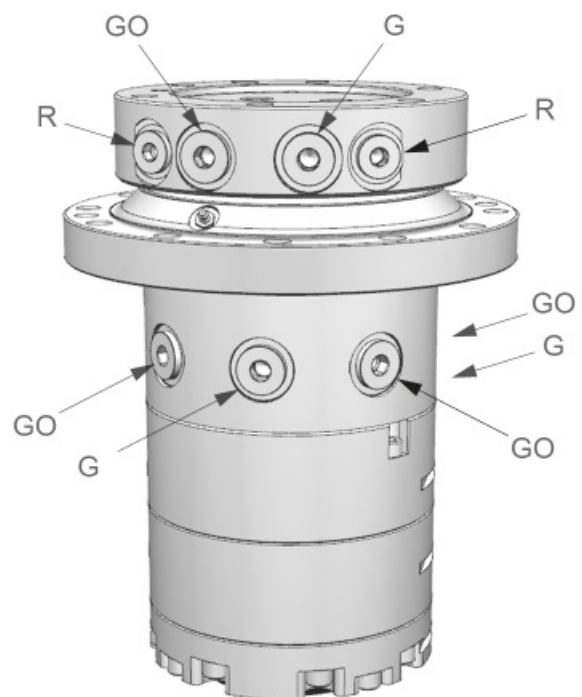
Technical data

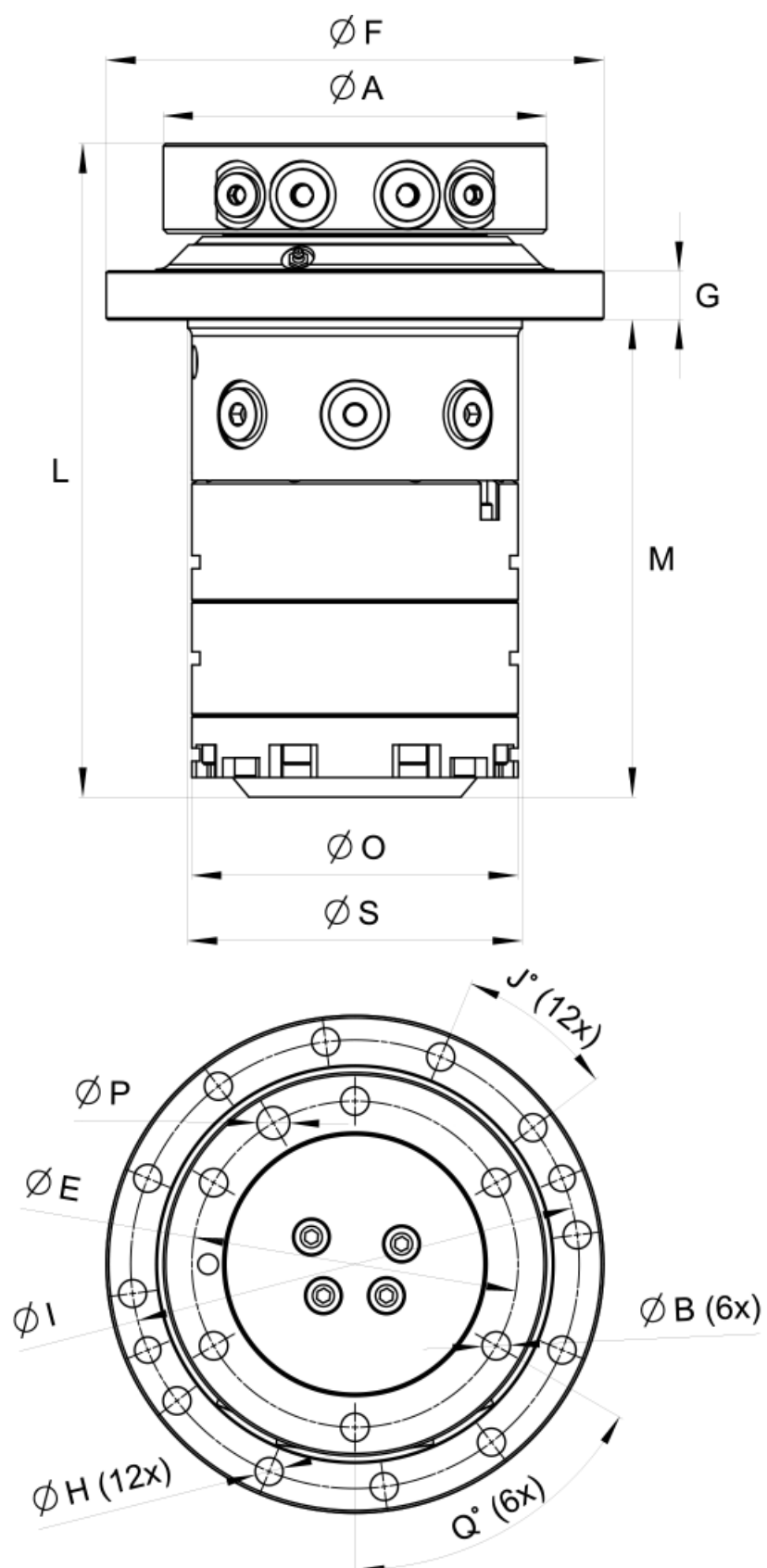
Part No.	8000614	
Type of rotator	Grapple rotator	
Weight	93.3 kg	
Rotation	360 degrees	
Max axial load, static	±250 kN	
Max axial load, dynamic	±70 kN	
Torque at 25 Mpa	2900 Nm	
Rotation max oilflow	25 l/min	
Rotation max working pressure	21 MPa	
Grapple open max working pressure	35 MPa	
Grapple close max working pressure	35 MPa	

Interface

Upper interface	235 mm
Lower interface	Ø 205 mm

Pressure limiting valves fitted in the motor.
We reserve the right to make product changes.





IR 12	
A	Ø235 mm
B	M20
E	Ø200 mm
F	Ø305 mm
G	30 mm

IR 12	
H	Ø17 mm
I	Ø275 mm
J	30°
L	401 mm
M	293 mm
O	Ø200 mm
P	Ø20 mm
Q	60°
S	Ø205 mm

Connections		
Upper	G G0	1 1/16-12 UNF
	R	7/8 -14 UNF
Lower	G	1 1/16-12 UNF
	G	1 1/16-12 UNF
	G0	1 1/16-12 UNF
	G0	1 1/16-12 UNF
	G0	1 1/16-12 UNF



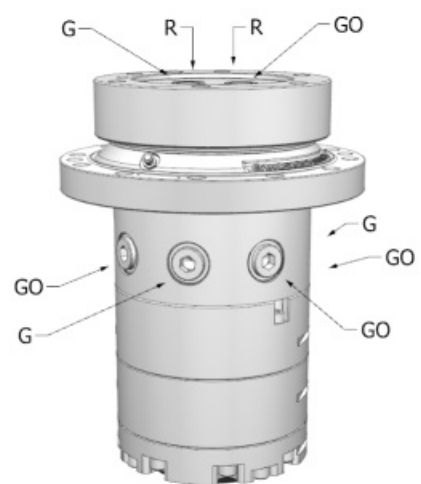
Rotator IR 12 A

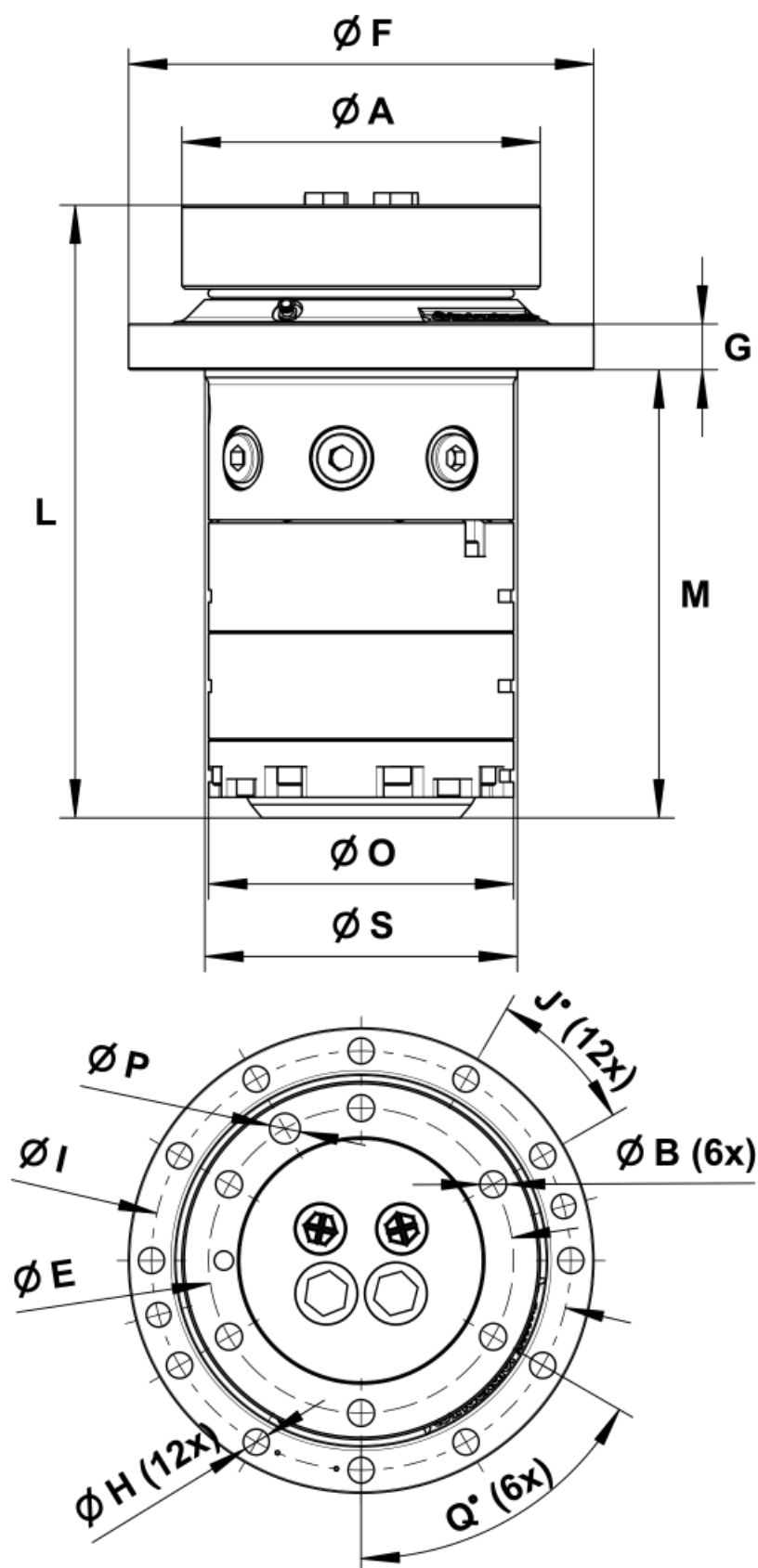
Technical data

Part No.	8010003	
Type of rotator	Grapple rotator	
Weight	92.6 kg	
Rotation	360 degrees	
Max axial load, static	±250 kN	
Max axial load, dynamic	±70 kN	
Torque at 25 Mpa	2900 Nm	
Rotation max oilflow	25 l/min	
Rotation max working pressure	21 MPa	
Grapple open max working pressure	35 MPa	
Grapple close max working pressure	35 MPa	

Interface

Upper interface	235 mm
Lower interface	Ø 205 mm





IR 12 A

A	$\varnothing 235$ mm
B	M20
E	$\varnothing 200$ mm
F	$\varnothing 305$ mm
G	30 mm

IR 12 A	
H	Ø17 mm
I	Ø275 mm
J	30°
L	401 mm
M	293 mm
O	Ø200 mm
P	Ø20 mm
Q	60°
S	Ø205 mm

Connections		
Upper	G G0	1 1/16-12 UNF
	R	7/8 -14 UNF
Lower	G	1 1/16-12 UNF
	G	1 1/16-12 UNF
	G0	1 1/16-12 UNF
	G0	1 1/16-12 UNF
	G0	1 1/16-12 UNF



Rotator IR 12 AV

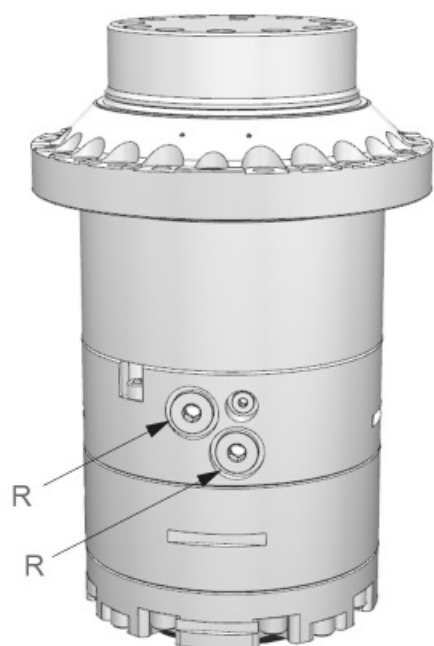
Technical data

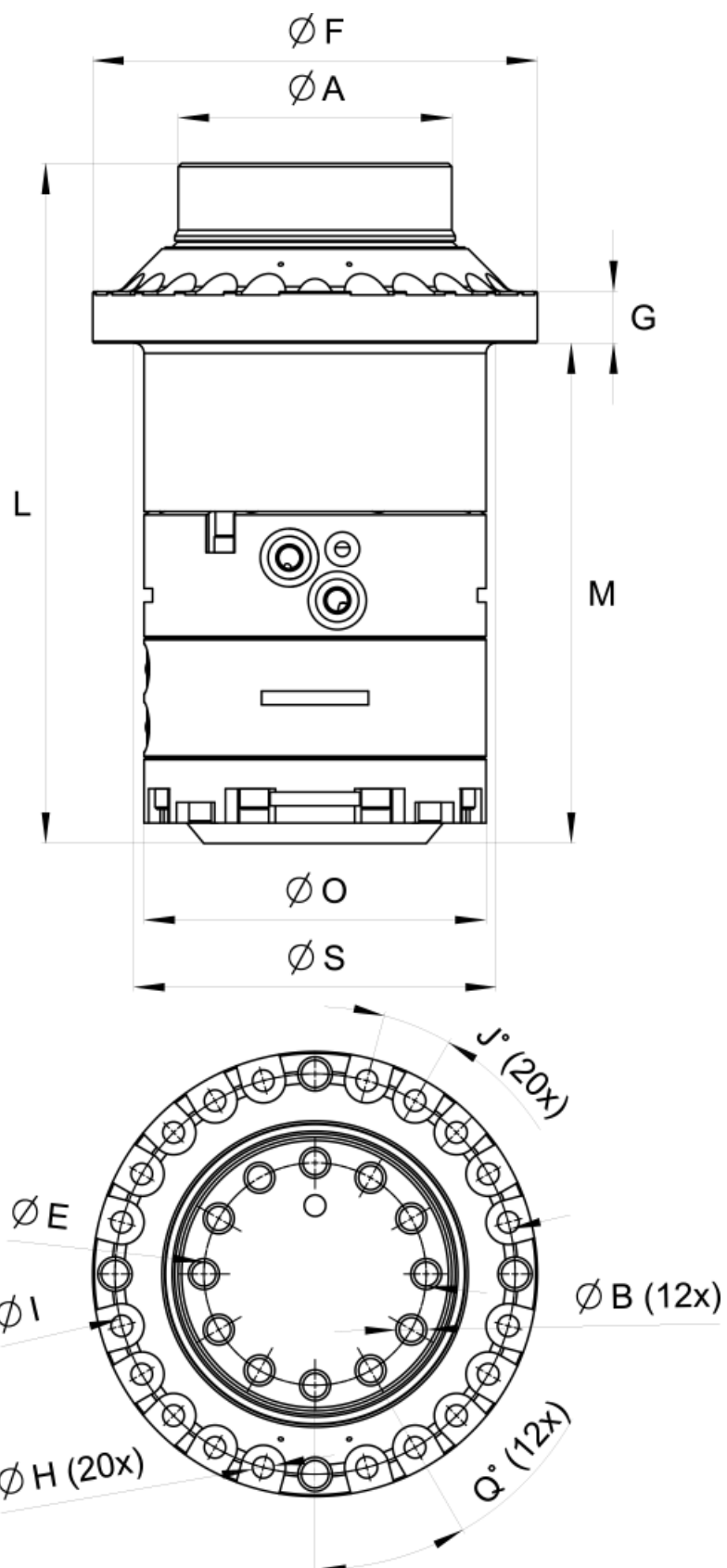
Part No.	8000265	
Type of rotator	Harvester head rotator	
Weight	82.1 kg	
Rotation	360 degrees	
Max axial load, static	±250 kN	
Max axial load, dynamic	±70 kN	
Torque at 25 Mpa	2900 Nm	
Rotation max oilflow	25 l/min	
Rotation max working pressure	21 MPa	

Interface

Upper interface	160 mm
Lower interface	Ø 212 mm

Pressure limiting valves fitted in the motor.
We reserve the right to make product changes.





IR 12 AV

A	$\varnothing 160$ mm
B	M16
E	$\varnothing 130$ mm
F	$\varnothing 260$ mm
G	30 mm

IR 12 AV	
H	Ø12,5 mm
I	Ø234 mm
J	18°
L	398 mm
M	293 mm
O	Ø200 mm
Q	30°
S	Ø212 mm

Connections		
Lower	R	7/16-20 UNF



Rotator IR 12 L

Technical data

Part No.	8000613
Type of rotator	Grapple rotator
Weight	83.6 kg
Rotation	360 degrees
Max axial load, static	±250 kN
Max axial load, dynamic	±70 kN
Torque at 25 Mpa	2100 Nm
Rotation max oilflow	25 l/min
Rotation max working pressure	19 MPa
Grapple open max working pressure	35 MPa
Grapple close max working pressure	35 MPa

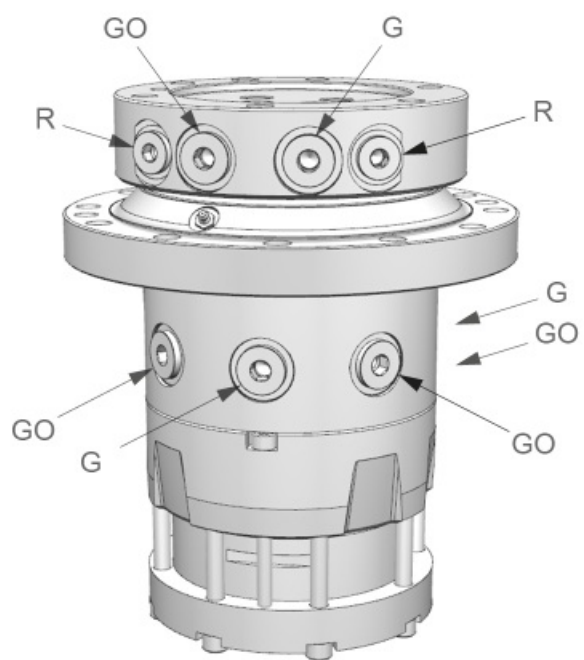
Interface

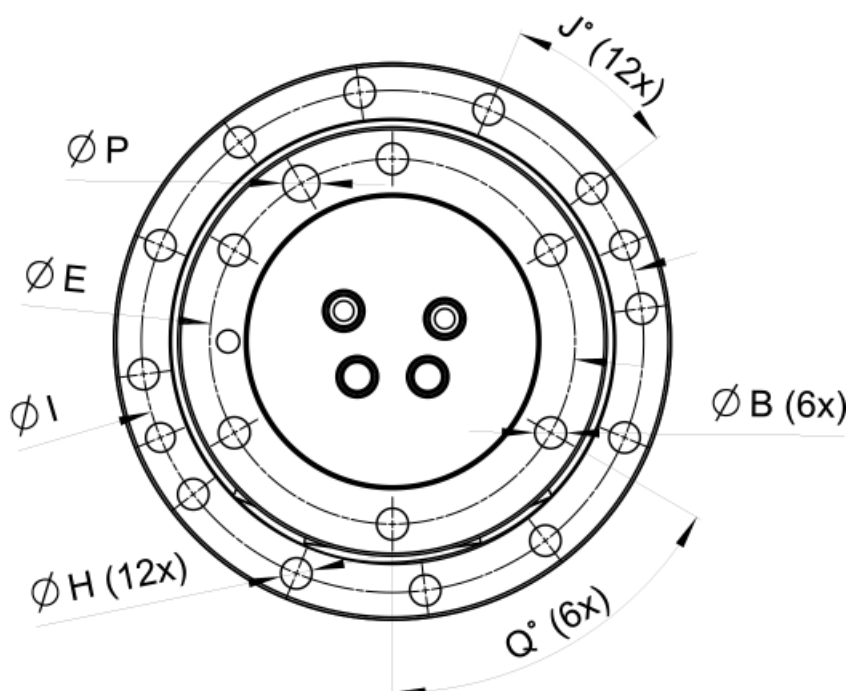
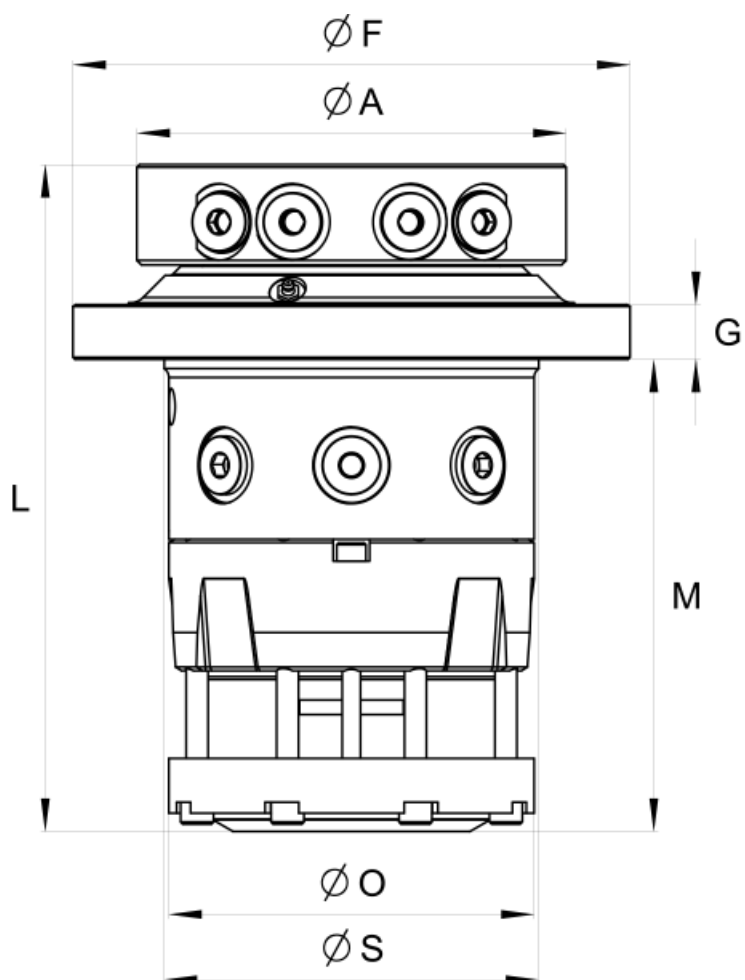
Upper interface	235 mm
Lower interface	Ø 205 mm

L = Rotator with the same torque as IR 10.

Pressure limiting valves fitted in the motor.

We reserve the right to make product changes.





IR 12 L

A	Ø235 mm
B	M20
E	Ø200 mm
F	Ø305 mm
G	30 mm

IR 12 L	
H	Ø17 mm
I	Ø275 mm
J	30°
L	367 mm
M	259 mm
O	Ø200 mm
P	Ø20 mm
Q	60°
S	Ø205 mm

Connections		
Upper	G G0	1 1/16-12 UNF
	R	7/8 -14 UNF
Lower	G	1 1/16-12 UNF
	G	1 1/16-12 UNF
	G0	1 1/16-12 UNF
	G0	1 1/16-12 UNF
	G0	1 1/16-12 UNF



Rotator IR 12 X

Technical data

Part No.	8000615	
Type of rotator	Grapple rotator	
Weight	95.7 kg	
Rotation	360 degrees	
Max axial load, static	±250 kN	
Max axial load, dynamic	±70 kN	
Torque at 25 Mpa	2900 Nm	
Rotation max oilflow	25 l/min	
Rotation max working pressure	21 MPa	
Grapple open max working pressure	35 MPa	
Grapple close max working pressure	35 MPa	
Extra function 1 max working pressure	35 MPa	

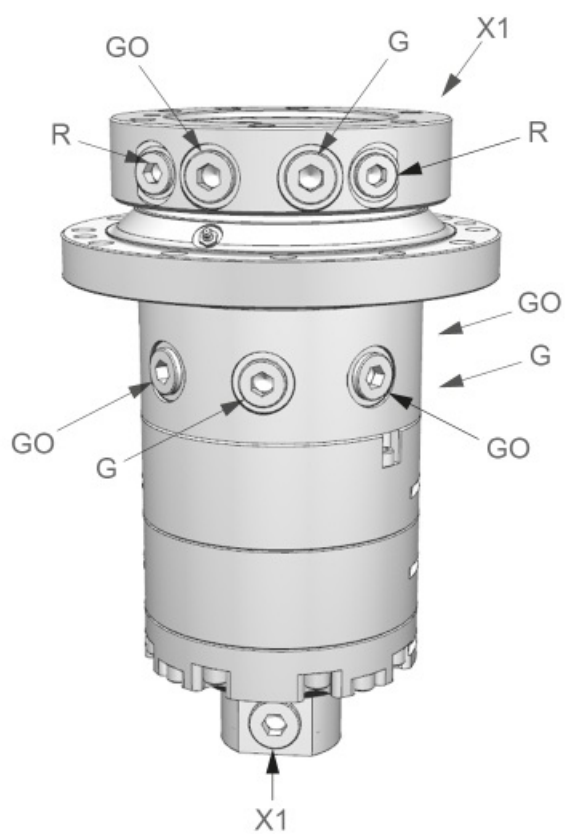
Interface

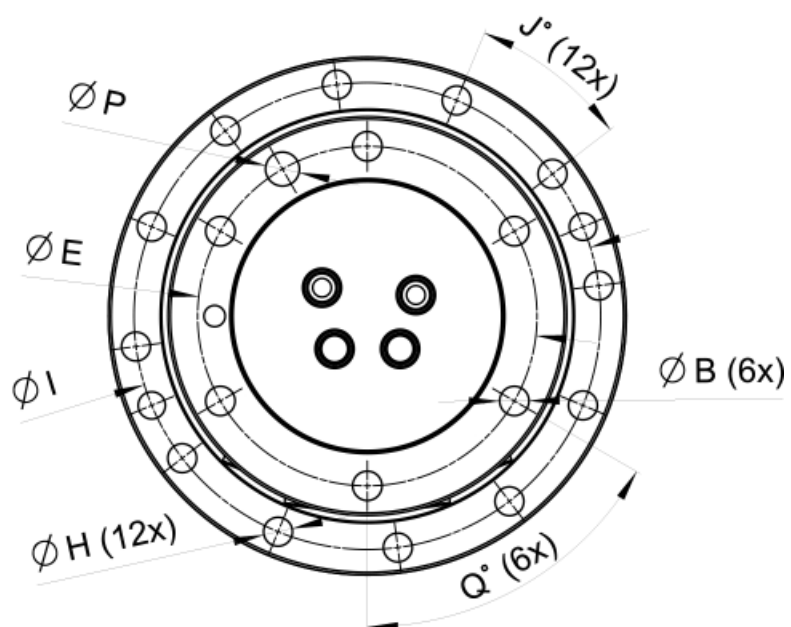
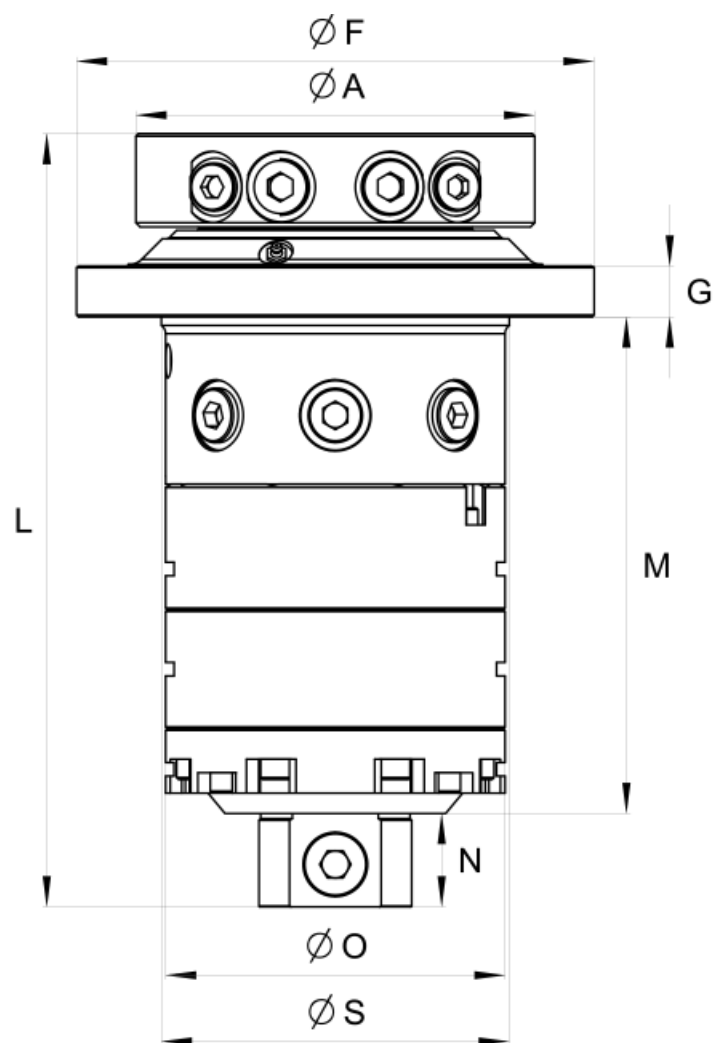
Upper interface	235 mm
Lower interface	Ø 205 mm

X = Rotator with one extra channel.

Pressure limiting valves fitted in the motor.

We reserve the right to make product changes.





IR 12 X

A	Ø235 mm
B	M20
E	Ø200 mm
F	Ø305 mm
G	30 mm

IR 12 X	
H	Ø17 mm
I	Ø275 mm
J	30°
L	456 mm
M	293 mm
N	55 mm
O	Ø200 mm
P	Ø20 mm
Q	60°
S	Ø205 mm

Connections		
Upper	X1	1 5/16-12 UNF
	G G0	1 1/16-12 UNF
	R	7/8 -14 UNF
Lower	X1	1 5/16-12 UNF
	G	1 1/16-12 UNF
	G	1 1/16-12 UNF
	G0	1 1/16-12 UNF
	G0	1 1/16-12 UNF
	G0	1 1/16-12 UNF



Rotator IR 12 XA

Technical data

Part No.	8000656	
Type of rotator	Grapple rotator	
Weight	100 kg	
Rotation	360 degrees	
Max axial load, static	±250 kN	
Max axial load, dynamic	±70 kN	
Torque at 25 Mpa	2900 Nm	
Rotation max oilflow	25 l/min	
Rotation max working pressure	21 MPa	
Grapple open max working pressure	35 MPa	
Grapple close max working pressure	35 MPa	
Extra function 1 max working pressure	35 MPa	

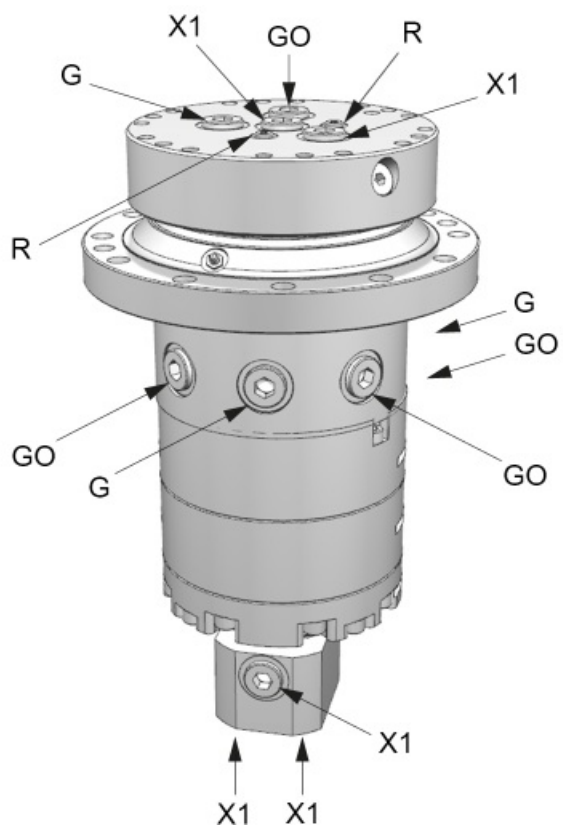
Interface

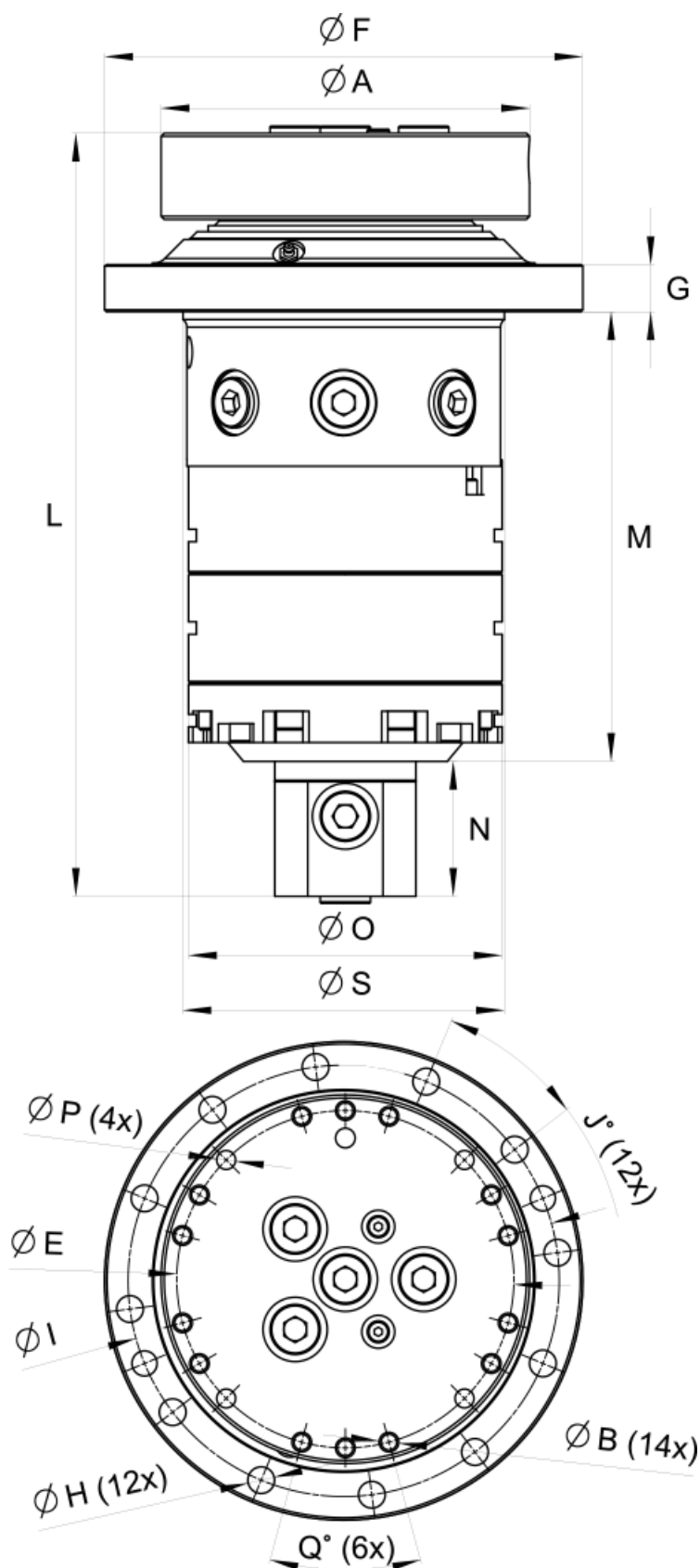
Upper interface	235 mm
Lower interface	Ø 205 mm

XA = Rotator with two connections and one extra channel for high-flow.

Pressure limiting valves fitted in the motor.

We reserve the right to make product changes.





IR 12 XA

A	Ø235 mm
B	M12
E	Ø215 mm
F	Ø305 mm
G	30 mm

IR 12 XA	
H	Ø17 mm
I	Ø275 mm
J	30°
L	487 mm
M	293 mm
N	86 mm
O	Ø200 mm
P	Ø12 mm
Q	30°
S	Ø205 mm

Connections		
Upper	X1	1 1/16-12 UNF
	G G0	1 1/16-12 UNF
	R	7/16-20 UNF
Lower	X1	1 1/16-12 UNF
	G	1 1/16-12 UNF
	G	1 1/16-12 UNF
	G0	1 1/16-12 UNF
	G0	1 1/16-12 UNF
	G0	1 1/16-12 UNF

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